

FIG. 1

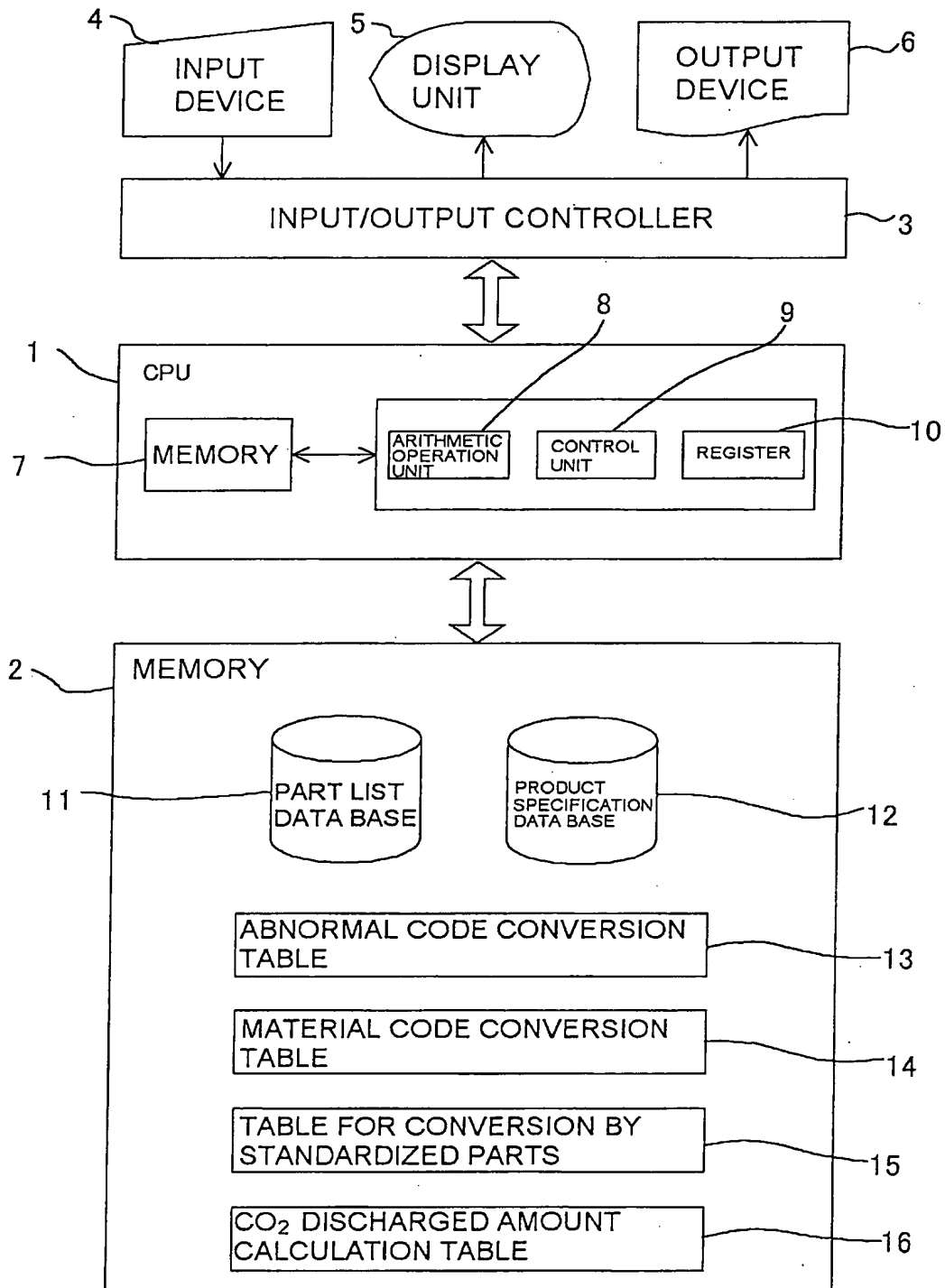


FIG. 2

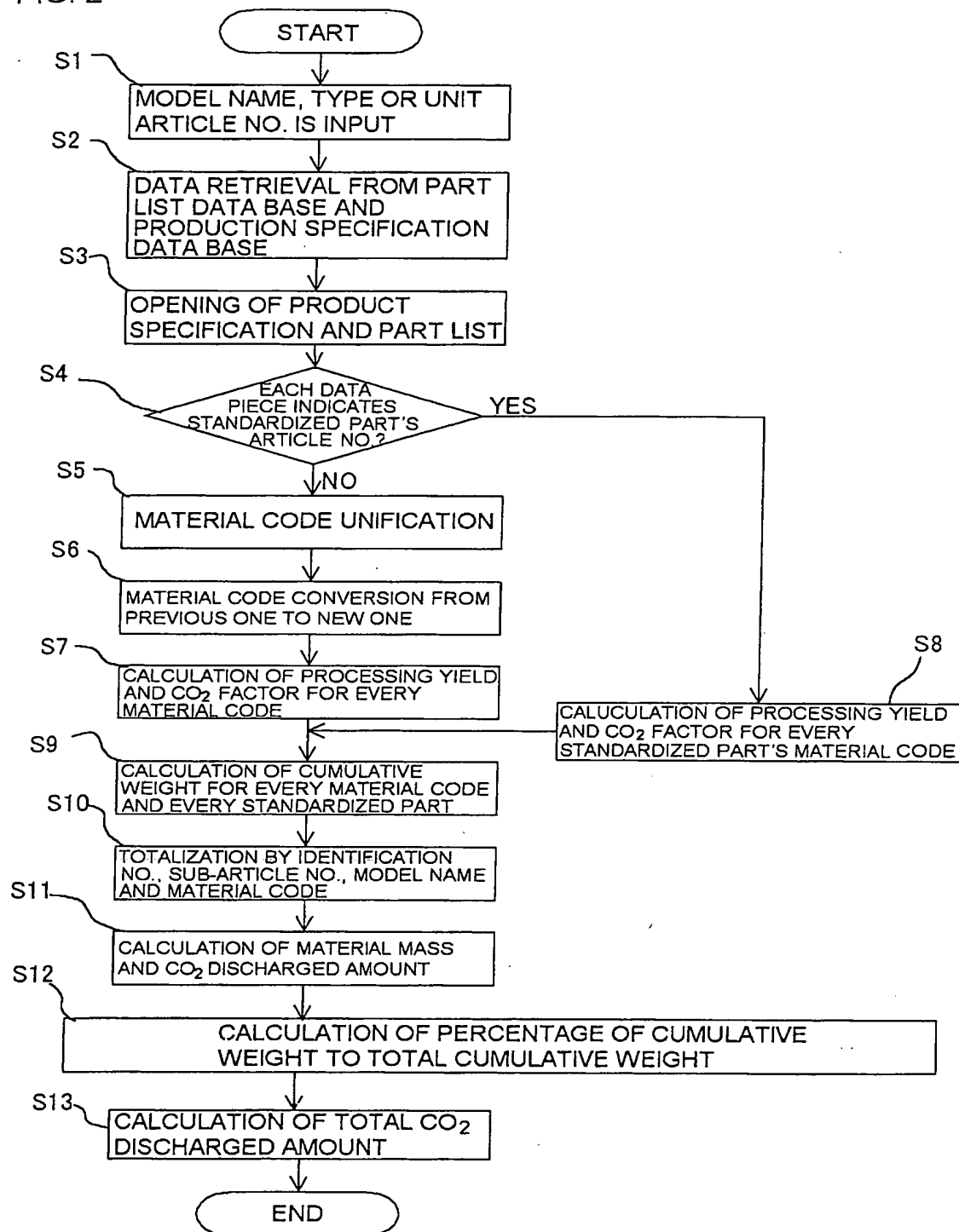


FIG. 3

(a) A LIST BEFORE EXTRACTION OF STANDARDIZED PART'S ARTICLE NUMBERS

TECHNICAL CONFIGURATION TEMP						
IDENTIFI- CATION NO.	SUB- ARTICLE NO.	MODEL NAME	MATERIAL CODE	PARENT ARTICLE NO.	COMPONENT NO.	TOTAL WEIGHT
10298	1	PC200	SS41P	A	a	20 100
10298	1	PC200	9 SS41B	A	b	30 80
10298	1	PC200	9SS41P	A	c	25 300
10298	1	PC200	9 SS400B	A	d	40 80
10298	1	PC200	9SS40B	A	e	15 120
10298	1	PC200	XXXXXXX	01010XXXXX	A	20 60
10298	1	PC300	SS41P	A	a	30 20
10298	1	PC200	YYYYYYY	01020XXXXX	B	25 40
10298	1	PC200	ZZZZZZZ	01030XXXXX	C	10 90
10298	1	PC400	JSSS41P	A	a	5 12
10298	2	PC400	9 SS41P	B	a	5 10
10298	3	PC400	SS400P	C	a	5 15
10298	4	PC400	SS41P	D	a	5 20
						40000

(b) A LIST BEFORE MATERIAL CODE UNIFICATION

TECHNICAL CONFIGURATION TEMP						
IDENTIFI- CATION NO.	SUB- ARTICLE NO.	MODEL NAME	MATERIAL CODE	PARENT ARTICLE NO.	COMPONENT NO.	TOTAL WEIGHT
10298	1	PC200	SS41P	A	a	20 100
10298	1	PC200	9 SS41B	A	b	30 80
10298	1	PC200	9SS41P	A	c	25 300
10298	1	PC200	9 SS400B	A	d	40 80
10298	1	PC200	9SS40B	A	e	15 120
10298	1	PC300	SS41P	A	a	30 20
10298	1	PC400	JSSS41P	A	a	5 12
10298	2	PC400	9 SS41P	B	a	5 10
10298	3	PC400	SS400P	C	a	5 15
10298	4	PC400	SS41P	D	a	5 20
						40000

(c) STANDARDIZED PART'S  
ARTICLE NUMBERS

TECHNICAL CONFIGURATION TEMP						
IDENTIFI- CATION NO.	SUB- ARTICLE NO.	MODEL NAME	MATERIAL CODE	PARENT ARTICLE NO.	COMPONENT NO.	TOTAL WEIGHT
10298	1	PC200	XXXXXXX	01010XXXXX	A	20 60
10298	1	PC200	YYYYYYY	01020XXXXX	B	25 40
10298	1	PC200	ZZZZZZZ	01030XXXXX	C	10 90
						20000

B

A

FIG. 4

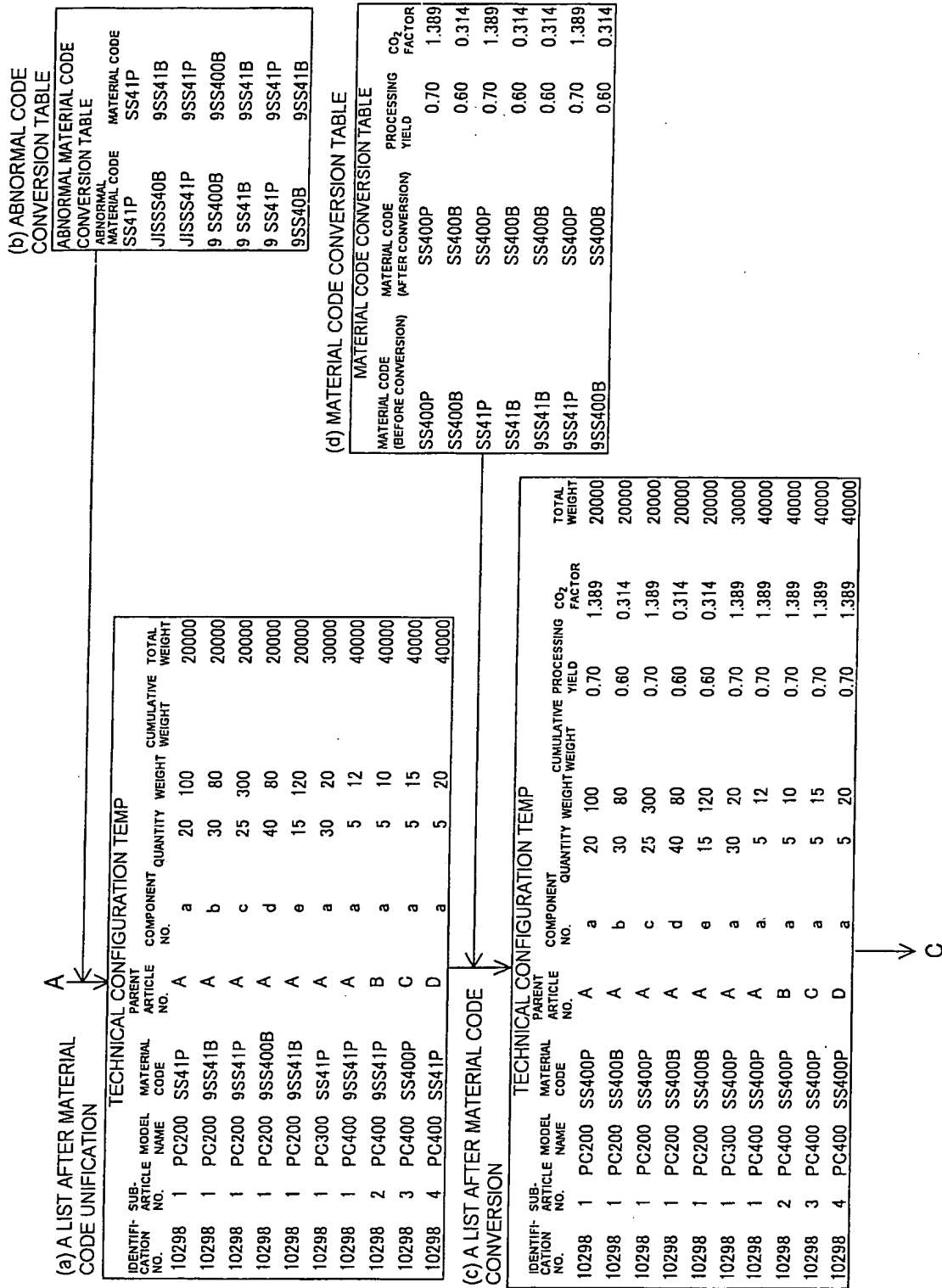


FIG. 5

(c) STANDARDIZED PART CODE  
CONVERSION TABLE

STANDARDIZED PART'S ARTICLE NO.	YIELD	PROCESSING CO <sub>2</sub> FACTOR
01010XXXXX	0.57	0.546
01020YYYYY	0.70	1.389
01030ZZZZZ	0.60	0.314

(a) CALCULATION OF PROCESSING YIELDS  
AND CO<sub>2</sub> FACTORS ASSOCIATED WITH  
STANDARDIZED PART'S ARTICLE NOS.

TECHNICAL CONFIGURATION TEMP						
IDENTIFI- CATION NO.	SUB- ARTICLE NO.	MODEL NAME	MATERIAL CODE	PARENT ARTICLE NO.	COMPONENT NO.	TOTAL WEIGHT
10298	1	PC200	01010	01010XXXXX	A	20 60 20000
10298	1	PC200	01020	01020XXXXX	B	25 40 20000
10298	1	PC200	01030	01030XXXXX	C	10 90 20000

(b) CALCULATION OF CUMULATIVE WEIGHT

TECHNICAL CONFIGURATION TEMP						
IDENTIFI- CATION NO.	SUB- ARTICLE NO.	MODEL NAME	MATERIAL CODE	PARENT ARTICLE NO.	COMPONENT NO.	TOTAL WEIGHT
10298	1	PC200	SS400P	A	a	20 100 2000 0.70 1.389 20000
10298	1	PC200	SS400B	A	b	30 80 2400 0.60 0.314 20000
10298	1	PC200	SS400P	A	c	25 300 7500 0.70 1.389 20000
10298	1	PC200	SS400B	A	d	40 80 3200 0.60 0.314 20000
10298	1	PC200	SS400B	A	e	15 120 1800 0.60 0.314 20000
10298	1	PC300	SS400P	A	a	30 20 600 0.70 1.389 30000
10298	1	PC400	SS400P	A	a	5 12 60 0.70 1.389 40000
10298	2	PC400	SS400P	B	a	5 15 75 0.70 1.389 40000
10298	3	PC400	SS400P	C	a	5 10 50 0.70 1.389 40000
10298	4	PC400	SS400P	D	a	5 20 100 0.70 1.389 40000
10298	1	PC200	01010	01010XXXXX	A	20 60 1200 0.57 0.546 20000
10298	1	PC200	01020	01020XXXXX	B	25 40 1000 0.70 1.389 20000
10298	1	PC200	01030	01030XXXXX	C	10 90 900 0.60 0.314 20000

FIG. 6

D (a) TOTALIZATION BY IDENTIFICATION NO.,  
SUB-ARTICLE NO., MODEL NAME AND MATERIAL CODE

TECHNICAL CONFIGURATION TEMP									
IDENTIFI- CATION NO.	SUB- ARTICLE NO.	MODEL NAME	MATERIAL CODE	PARENT ARTICLE NO.	CUMULATIVE WEIGHT	PROCESSING YIELD	CO <sub>2</sub> FACTOR	TOTAL WEIGHT	
10298	1	PC200	SS400P	A	9500	0.70	1.389	20000	
10298	1	PC200	SS400B	A	5600	0.60	0.314	20000	
10298	1	PC200	SS400B	A	1800	0.60	0.314	20000	
10298	1	PC300	SS400P	A	600	0.70	1.389	30000	
10298	1	PC200	01010	01010XXXXX	1200	0.57	0.546	20000	
10298	1	PC200	01020	01020XXXXX	1000	0.70	1.389	20000	
10298	1	PC200	01030	01030XXXXX	900	0.60	0.314	20000	
10298	1	PC400	SS400P	A	60	0.70	1.389	40000	
10298	2	PC400	SS400P	B	75	0.70	1.389	40000	
10298	3	PC400	SS400P	C	50	0.70	1.389	40000	
10298	4	PC400	SS400P	D	100	0.70	1.389	40000	

(b) CALCULATION OF MATERIAL MASS AND  
CO<sub>2</sub> DISCHARGED AMOUNT

TECHNICAL CONFIGURATION TEMP										
IDENTIFI- CATION NO.	SUB- ARTICLE NO.	MODEL NAME	MATERIAL CODE	PARENT ARTICLE NO.	CUMULATIVE WEIGHT	PROCESSING YIELD	MATERIAL MASS	CO <sub>2</sub> FACTOR	CO <sub>2</sub> DISCHARGED AMOUNT	TOTAL WEIGHT
10298	1	PC200	SS400P	A	9500	0.70	13571	1.389	18850	20000
10298	1	PC200	SS400B	A	5600	0.60	1500	0.314	2931	20000
10298	1	PC200	9SS400B	A	1800	0.60	3000	0.314	942	20000
10298	1	PC300	SS400P	A	600	0.70	857	1.389	1190	30000
10298	1	PC200	01010	01010XXXXX	1200	0.57	2105	0.546	1149	20000
10298	1	PC200	01020	01020XXXXX	1000	0.70	429	1.389	596	20000
10298	1	PC200	01030	01030XXXXX	900	0.60	1429	0.314	449	20000
10298	1	PC400	SS400P	A	60	0.70	57	1.389	79	40000
10298	2	PC400	SS400P	B	75	0.70	107	1.389	149	40000
10298	3	PC400	SS400P	C	50	0.70	71	1.389	99	40000
10298	4	PC400	SS400P	D	100	0.70	143	1.389	199	40000

(c) CALCULATION OF PERCENTAGE

IDENTIFI- CATION NO.	SUB- ARTICLE NO.	MODEL NAME	MATERIAL CODE	PARENT ARTICLE NO.	CUMULATIVE WEIGHT	PER- CENT- AGE	PER- CENT- AGE	PROCESSING YIELD	MATERIAL MASS	CO <sub>2</sub> FACTOR	CO <sub>2</sub> DISCHARGED AMOUNT	TOTAL WEIGHT
10298	1	PC200	SS400P	A	9500	47.5	47.5	0.70	1214	1.389	18850	20000
10298	1	PC200	SS400B	A	5600	28.0	75.5	0.60	1500	0.314	2931	20000
10298	1	PC200	9SS400B	A	1800	9.0	84.5	0.60	1333	0.314	942	20000
10298	1	PC200	OTHER		1200	15.5	100.0				2194	20000
TOTAL					20000	100.0					24917	

(d) TABLE FOR CALCULATION OF DISCHARGED AMOUNT BY  
MODEL NAME

TABLE FOR CALCULATION OF DISCHARGED AMOUNT BY MODEL NAME									
IDENTIFI- CATION NO.	SUB- ARTICLE NO.	MODEL NAME	UNIT NO.	FUEL CONSUMPTION	OPERATING TIME	FILLING VOLUME	REPLACEMENT TIME	THICKNESS	FUSING LENGTH
10298	1	PC200	A	00	00	00	00	00	00

E

FIG. 7

E  
↓  
(a) DISCHARGE CALCULATION RESULT

DISCHARGE CALCULATION RESULT CODE				
CODE	DESCRIPTION	DISCHARGE MASS	DISCHARGE PER HOUR	
Y1	MATERIAL PREPARATION STAGE	00kg	00kg/h	
Y2	PROCESSING/ASSEMBLING STAGE	00kg	00kg/h	
	→ C1 MANUFACTURING STAGE FACTOR	00kg/L		
	→ D1 CONSUMPTION STAGE FACTOR	00kg/L		
	W VEHICLE BODY MASS	00t		
	V1 VOLUME OF CONSUMED FUEL (DELIVERY FROM FACTORY)	00L	00kg/h	
	E FUEL CONSUMPTION	00L/h		
	T OPERATING TIME (DURABILITY)	00h		
	V2 VOLUME OF CONSUMED FUEL (OPERATION STAGE)	00L	00kg/h	
	V3 VOLUME OF CONSUMED FUEL (DELIVERY IN JOB SITE)	00L	00kg/h	
	Y31 DELIVERY/OPERATION STAGE (FUEL)	00kg	00kg/h	
	→ C2 MANUFACTURING STAGE FACTOR	00kg/L		
	→ D2 CONSUMPTION STAGE FACTOR	00kg/L		
	V4 FILLING VOLUME	00L		
	T0 REPLACEMENT TIME	00h		
	Y32 DELIVERY/OPERATION STAGE (HYDRAULIC OIL)	00kg	00kg/h	
Y3	DELIVERY/OPERATION STAGE	00kg	00kg/h	
	V5 VOLUME OF CONSUMED FUEL	00L		
	Y41 DISPOSAL STAGE	00kg	00kg/h	
	→ C3 MANUFACTURING STAGE FACTOR	00kg/L		
	→ D3 CONSUMPTION STAGE FACTOR	00kg/L		
	t THICKNESS	00mm		
	L FUSING LENGTH	00m		
	V6 VOLUME OF CONSUMED PROPANE GAS	00L		
	→ C4 MANUFACTURING STAGE FACTOR	00kg/L		
	→ D4 CONSUMPTION STAGE FACTOR	00kg/L		
	V7 VOLUME OF CONSUMED OXYGEN GAS	00L		
	Y42 DISASSEMBLING STAGE	00kg	00kg/h	
Y4	DISPOSAL/DISASSEMBLING STAGE	00kg	00kg/h	
Y	CO <sub>2</sub> DISCHARGE MASS	00kg	00kg/h	

(b) FACTOR PARAMETER

FACTOR PARAMETER							
PROCESSING/ASSEMBLING STAGE				DELIVERY/OPERATION STAGE			
MANUFACTURING STAGE FACTOR	CONSUMPTION STAGE FACTOR	MANUFACTURING STAGE FACTOR	CONSUMPTION STAGE FACTOR	MANUFACTURING STAGE FACTOR	CONSUMPTION STAGE FACTOR	MANUFACTURING STAGE FACTOR	CONSUMPTION STAGE FACTOR
00	00	00	00	00	00	00	00